

NOTE

ONLY THE FOLLOWING PAGES OF THIS

PUBLICATION HAVE BEEN FILMED

Pgs: 3, 5, 6, 515-522

1991 Yearbook and Directory of Osteopathic Physicians

Eighty-second edition • January 1991

Membership listings for 1990-91 fiscal year, as of September 1990

Accreditation information for year beginning with July 1990
annual meeting and ending with July 1991 annual meeting

Other information dated as noted in the text

Published by the
American Osteopathic Association
(An Illinois not-for-profit organization)

142 East Ontario Street
Chicago, Illinois 60611

(312) 280-5800
FAX (312) 280-5893
ISSN 0084-358X

1991 Yearbook and Directory of Osteopathic Physicians

11 Foreword

American Osteopathic Association: Organization

- 15 Official roster
- 16 Organizational charts
- 20 Departments, bureaus, committees, and councils
- 26 AOA departments and personnel
- 27 AOA coming events: planning calendar

Directory of Osteopathic Physicians

- 35 Key to symbols
- 41 Alphabetic list of osteopathic physicians
- 188 Geographic list of osteopathic physicians
- 422 Osteopathic physicians in military service
- 433 Osteopathic physicians in US Public Health Service
- 435 Canadian members
- 436 Foreign members
- 437 Student members
- 452 Associate members
- 453 Certified physicians

American Osteopathic Association: Documents and Data

- 489 AOA basic documents
- 496 AOA position papers
- 515 Statistical tables on the osteopathic profession
- 523 AOA history: dates, events, and people

Component Societies (state and specialty societies)

- 537 Divisional societies
- 544 Practice affiliates
- 549 Nonpractice affiliates, alumni groups, and philanthropic organizations

555 Osteopathic Licensing Summary

Predoctoral Education

- 567 Accreditation standards and procedures for colleges of osteopathic medicine
- 576 Colleges of osteopathic medicine
- 581 Grants and loans for osteopathic students

Postdoctoral Education

- 589 Postdoctoral osteopathic education
- 591 Protocol for approval of postdoctoral training
- 594 Intern training program policies and procedures
- 599 Residency training requirements of the American Osteopathic Association

604 Osteopathic Hospitals

614 Osteopathic Postdoctoral Training Programs

643 Requirements for Certification: Advisory Board for Osteopathic Specialists and Boards of Certification

658 Osteopathic Research

666 **Libraries in Osteopathic Hospitals**

667 **Writing Awards**

670 **Continuing Medical Education**

Osteopathic Terminology

676 Osteopathic terminology for coding

678 Glossary of osteopathic terminology

AOA Membership Benefits and Dues Rates

691 Membership benefits: a message to DOs from the Committee on Membership

692 AOA dues rates: an explanation

693 AOA-sponsored insurance programs

695 Physician placement program

Osteopathic Literature and Information

696 Osteopathic literature in print

698 AOA items available

Indexes

700 Advertisers' index

701 Index

Editor-in-chief: Thomas Wesley Allen, DO

Executive editor: Sandra Williamson

Contributors: (listed alphabetically)

Susan Baird, circulation manager, Department of Publications

Helen Baker, PhD, associate director, Department of Education

James J. Balija, director, Membership and Information Services

Denise Barkley, archivist, Department of Administration

Elizabeth Beckwith, director, Department of Government Relations

Ronald J. Bordui, director/controller, Department of Finance

Dorothy Efrosinis, hospital accreditation coordinator, Department of Education

Charlotte Enders, archivist, Department of Administration

Daniel FitzSimmons, system manager, information systems, Department of Membership and Information Services

Karen Illing, coordinator, Advisory Board for Osteopathic Specialists

Irene Lump, executive director, National Osteopathic Foundation

Bridget Price, executive director, Auxiliary to the American Osteopathic Association

Konrad Retz, PhD, assistant director, Predoctoral and Research Bureau, Department of Education

George Reuther, assistant director, continuing medical education and hospital accreditation, Department of Education

Delores Rodgers, continuing medical education coordinator, Department of Education

Janice Wachtler, administrator, Postdoctoral Education, Department of Education

Carolyn Wade, coordinator, State Government Relations, Department of Government Relations

Michael Wallis, physicians' biographic records coordinator, Department of Membership and Information Services

W. Douglas Ward, PhD, director, Department of Education

Ann M. Wittner, director, Department of Administration

President, American Osteopathic Association: Mitchell Kasovac, DO

Executive director: John P. Perrin

Committee on editorial policy: Mary M. Burnett, DO, chairman; Samuel T. Coleridge, DO, vice chairman; Ronald Esper, DO; Robert D. McCullough II, DO; Sandra Williamson, secretary

Director of publications: Sandra Williamson

Production manager: Julie Shaw

Advertising sales: Jeffery Bonistalli, national sales representative, 142 E Ontario St, Chicago 60611 (312) 280-5860; Randall Roash, national sales representative, 437 Cedar Lane, Mickleton, NJ 08056 (609) 423-4751

The YEARBOOK AND DIRECTORY OF OSTEOPATHIC PHYSICIANS is published annually. Copyright 1991, by the American Osteopathic Association, 142 E Ontario St, Chicago, IL 60611. All rights reserved.

STATISTICAL TABLES ON THE OSTEOPATHIC PROFESSION

See individual tables for dates and sources

GEOGRAPHIC DISTRIBUTION OF LISTED DOs			
Location	Number of Members	Number of Nonmembers	Total
Alabama	51	40	91
Alaska	19	12	31
Arizona	668	133	801
Arkansas	51	25	76
California	791	371	1,162
Colorado	306	161	467
Connecticut	31	56	87
Delaware	77	55	132
District of Columbia	13	15	28
Florida	1,507	447	1,954
Georgia	174	110	284
Hawaii	29	22	51
Idaho	25	31	56
Illinois	752	354	1,106
Indiana	265	85	350
Iowa	433	306	739
Kansas	259	135	394
Kentucky	67	38	105
Louisiana	28	26	54
Maine	278	90	368
Maryland	76	59	135
Massachusetts	108	100	208
Michigan	3,556	526	4,082
Minnesota	71	57	128
Mississippi	55	12	67
Missouri	1,138	425	1,563
Montana	17	25	42
Nebraska	17	19	36
Nevada	88	36	124
New Hampshire	27	13	40
New Jersey	1,181	589	1,770
New Mexico	102	52	154
New York	752	581	1,333
North Carolina	39	47	86
North Dakota	13	7	20
Ohio	2,094	509	2,603
Oklahoma	781	154	935
Oregon	194	112	306
Pennsylvania	2,675	1,150	3,825
Rhode Island	91	50	141
South Carolina	46	26	72
South Dakota	24	15	39
Tennessee	95	50	145
Texas	1,224	622	1,846
Utah	17	17	34
Vermont	15	25	40
Virginia	113	67	180
Washington	208	157	365
West Virginia	214	89	303
Wisconsin	206	97	303
Wyoming	11	8	19
Total USA	21,072	8,208	29,280
Military Service	736	639	1,375
US Public Health Service	91	64	155
US Territories	2	5	7
Canada	7	32	39
Foreign	30	38	68
Totals for Others	866	778	1,644
Grand Totals	21,938	8,986	30,924
Source: AOA Physician Masterfile, Sep. 1, 1990.			

GEOGRAPHIC DISTRIBUTION OF LISTED DOs BY AGE

Location	Total DOs	Avg age	Under 35(%)	35-44(%)	45-54(%)	55-64(%)	65 & over(%)	Unknown(%)
Alabama	91	41	25(27.5)	49(53.8)	10(11.0)	1 (1.1)	5 (5.5)	1(1.1)
Alaska	31	40	8(25.8)	18(58.1)	4(12.9)		1 (3.2)	
Arizona	801	49	132(16.5)	283(35.3)	139(17.4)	96(12.0)	147(18.4)	4 (.5)
Arkansas	76	45	16(21.1)	40(52.6)	5 (6.6)	2 (2.6)	13(17.1)	
California	1,162	44	345(29.7)	490(42.2)	144(12.4)	56 (4.8)	117(10.1)	10 (.9)
Colorado	467	47	86(18.4)	181(38.8)	67(14.3)	65(13.9)	65(13.9)	3 (.6)
Connecticut	87	44	33(37.9)	30(34.5)	6 (6.9)	2 (2.3)	13(14.9)	3(3.4)
Delaware	132	43	49(37.1)	40(30.3)	16(12.1)	16(12.1)	11 (8.3)	
District of Columbia	28	42	13(46.4)	6(21.4)	5(17.9)	2 (7.1)	2 (7.1)	
Florida	1,954	50	441(22.6)	530(27.1)	281(14.4)	267(13.7)	428(21.9)	7 (.4)
Georgia	284	47	56(19.7)	114(40.1)	51(18.0)	17 (6.0)	46(16.2)	
Hawaii	51	49	8(15.7)	18(35.3)	7(13.7)	8(15.7)	10(19.6)	
Idaho	56	51	7(12.5)	27(48.2)	6(10.7)	4 (7.1)	12(21.4)	
Illinois	1,106	39	480(43.4)	390(35.3)	128(11.6)	38 (3.4)	57 (5.2)	13(1.2)
Indiana	350	47	66(18.9)	133(38.0)	51(14.6)	46(13.1)	51(14.6)	3 (.9)
Iowa	739	46	141(19.1)	332(44.9)	101(13.7)	52 (7.0)	112(15.2)	1 (.1)
Kansas	394	47	83(21.1)	158(40.1)	61(15.5)	22 (5.6)	66(16.8)	4(1.0)
Kentucky	105	46	27(25.7)	38(36.2)	13(12.4)	9 (8.6)	18(17.1)	
Louisiana	54	39	23(42.6)	25(46.3)		2 (3.7)	3 (5.6)	1(1.9)
Maine	368	48	85(23.1)	133(36.1)	46(12.5)	25 (6.8)	75(20.4)	4(1.1)
Maryland	135	41	43(31.9)	68(50.4)	6 (4.4)	4 (3.0)	14(10.4)	
Massachusetts	208	51	56(26.9)	57(27.4)	21(10.1)	12 (5.8)	58(27.9)	4(1.9)
Michigan	4,082	46	1,158(28.4)	1,189(29.1)	669(16.4)	540(13.2)	393 (9.6)	133(3.3)
Minnesota	128	46	35(27.3)	47(36.7)	20(15.6)	4 (3.1)	21(16.4)	1 (.8)
Mississippi	67	41	14(20.9)	40(59.7)	8(11.9)	1 (1.5)	4 (6.0)	
Missouri	1,563	49	307(19.6)	515(32.9)	250(16.0)	153 (9.8)	326(20.9)	12 (.8)
Montana	42	51	6(14.3)	21(50.0)	3 (7.1)	1 (2.4)	10(23.8)	1(2.4)
Nebraska	36	49	10(27.8)	12(33.3)	5(13.9)	1 (2.8)	7(19.4)	1(2.8)
Nevada	124	47	28(22.6)	49(39.5)	15(12.1)	9 (7.3)	22(17.7)	1 (.8)
New Hampshire	40	55	6(15.0)	14(35.0)	2 (5.0)	1 (2.5)	17(42.5)	
New Jersey	1,770	43	643(36.3)	484(27.3)	280(15.8)	198(11.2)	151 (8.5)	14 (.8)
New Mexico	154	52	23(14.9)	46(29.9)	31(20.1)	10 (6.5)	44(28.6)	
New York	1,333	41	692(51.9)	276(20.7)	104 (7.8)	113 (8.5)	132 (9.9)	16(1.2)
North Carolina	86	51	21(24.4)	24(27.9)	8 (9.3)	6 (7.0)	26(30.2)	1(1.2)
North Dakota	20	46	5(25.0)	7(35.0)	3(15.0)	3(15.0)	2(10.0)	
Ohio	2,603	43	847(32.5)	919(35.3)	318(12.2)	284(10.9)	222 (8.5)	13 (.5)
Oklahoma	935	45	207(22.1)	381(40.7)	151(16.1)	77 (8.2)	117(12.5)	2 (.2)
Oregon	306	49	40(13.1)	124(40.5)	52(17.0)	26 (8.5)	63(20.6)	1 (.3)
Pennsylvania	3,825	43	1,271(33.2)	1,234(32.3)	544(14.2)	353 (9.2)	417(10.9)	6 (.2)
Rhode Island	141	46	40(28.4)	50(35.5)	17(12.1)	12 (8.5)	21(14.9)	1 (.7)
South Carolina	72	44	20(27.8)	33(45.8)	5 (6.9)	5 (6.9)	9(12.5)	
South Dakota	39	53	8(20.5)	11(28.2)	4(10.3)	3 (7.7)	13(33.3)	
Tennessee	145	49	24(16.6)	58(40.0)	16(11.0)	17(11.7)	29(20.0)	1 (.7)
Texas	1,846	47	346(18.7)	683(37.0)	294(15.9)	230(12.5)	285(15.4)	8 (.4)
Utah	34	49	7(20.6)	13(38.2)	6(17.6)	2 (5.9)	6(17.6)	
Vermont	40	55	4(10.0)	15(37.5)	2 (5.0)	4(10.0)	15(37.5)	
Virginia	180	43	60(33.3)	70(38.9)	17 (9.4)	9 (5.0)	24(13.3)	
Washington	365	49	34 (9.3)	159(43.6)	59(16.2)	50(13.7)	61(16.7)	2 (.5)
West Virginia	303	43	90(29.7)	131(43.2)	26 (8.6)	18 (5.9)	37(12.2)	1 (.3)
Wisconsin	303	48	51(16.8)	117(38.6)	54(17.8)	31(10.2)	45(14.9)	5(1.7)
Wyoming	19	47	2(10.5)	9(47.4)	2(10.5)	3(15.8)	3(15.8)	
Total for USA	28,280	45	8,222(28.1)	9,891(33.8)	4,133(14.1)	2,910 (9.9)	3,846(13.1)	278 (.9)
Military Service	1,375	40	394(28.7)	745(54.2)	132 (9.6)	62 (4.5)	36 (2.6)	6 (.4)
US Public Health Service	155	39	41(26.5)	93(60.0)	8 (5.2)	11 (7.1)	2 (1.3)	
US Territories	7	42	1(14.3)	4(57.1)	1(14.3)	1(14.3)		
Canada	39	73	3 (7.7)	1 (2.6)		1 (2.6)	34(87.2)	
Foreign	68	57	18(26.5)	7(10.3)	8(11.8)	6 (8.8)	27(39.7)	2(2.9)
Total for Others	1,644	41	457(27.8)	850(51.7)	149 (9.1)	81 (4.9)	99 (6.0)	8 (.5)
Grand Totals	30,924	45	8,679(28.1)	10,741(34.7)	4,282(13.8)	2,991 (9.7)	3,945(12.8)	286 (.9)

Source: AOA Physician Masterfile, Sep. 1, 1990.

DISTRIBUTION OF DOs BY SPECIALTY & AGE—EXCLUDING INTERNS AND RESIDENTS

Specialty	Total	Under 35	35-44	45-54	55-64	65 & Over	Unknown
Addictive Diseases (ADD)	30	2	11	1	10	6	
Adolescent Medicine (ADL)	13		7	2	2	2	
Allergy and Immunology (AI)	46	2	16	16	5	7	
Aerospace and Preventive Med (AM)	95	25	38	22	10		
Anesthesiology (AN)	777	116	337	157	124	42	1
Angiography and Interventional Rad (ANG)	9	2	4	1	2		
Anatomic Pathology (AP)	22		4	5	10	3	
Anatomic Pathology and Lab Med (APL)	17		5	4	3	5	
Cardiology (C)	281	32	177	49	17	6	
Critical Care Medicine (CCM)	19	2	14	3			
Child Psychiatry (CHP)	15	3	11	1			
Cardiovascular Diseases (CVD)	10	3	6		1		
Cardiovascular Surgery (CVS)	8		4	3	1		
Dermatology (D)	152	27	70	35	11	9	
Diagnostic Radiology (DR)	173	22	94	35	13	9	
Diagnostic Ultrasound (DUS)	3		1	2			
Emergency Medicine (EM)	1,192	232	770	130	46	12	2
Endocrinology (END)	33	6	12	8	1	6	
Fellow of the AAO (FAO)	1					1	
Forensic Pathology (FOP)	18	1	7	4	3	3	
Gastroenterology (GE)	141	20	86	24	9	2	
Geriatrics (GER)	64	5	15	12	16	16	
Gynecologic Oncology (GO)	5		2	3			
General Practice (GP)	12,550	2,940	4,113	2,012	1,744	1,634	107
Gynecological Surgery (GS)	4		1	2	1		
General Vascular Surgery (GVS)	7	3	4				
Gynecology (GYN)	8		5	2	1		
Hematology (HEM)	15		10	4	1		
Hematology and Oncology (HEO)	37	6	24	7			
Hand Surgery (HS)	7	2	4	1			
Infectious Disease (ID)	32	5	21	6			
Internal Medicine (IM)	1,220	287	590	174	95	73	1
Laboratory Medicine (LBM)	12		4	5	1	2	
Medical Diseases of the Chest (MDC)	111	20	65	23	1	2	
Maternal and Fetal Medicine (MFM)	9	1	7	1			
Neurology (N)	177	40	96	31	6	3	1
Neonatology (NE)	27	4	19	4			
Nephrology (NEP)	69	9	40	20			
Nuclear Medicine (NM)	22		8	7	4	3	
Neurology and Psychiatry (NP)	7		3	1	1	2	
Neuroradiology (NRA)	13	5	6	2			
Neurological Surgery (NS)	29	1	19	2	5	2	
Obstetrics and Gynecology (OBG)	223	13	114	62	21	13	
Obstetrics (OBS)	1			1			
Occupational/Environmental Medicine (OE)	11	2	5	2	1	1	
Obstetrics and Gynecological Surgery (OGS)	379	60	200	81	29	8	1
Occupational and Preventive Medicine (OM)	131	13	49	25	32	11	1
Osteopathic Manipulative Treatment (OMT)	492	41	116	41	67	226	1
Oncology (ON)	62	3	32	24	3		
Otorhinolaryngology and Oro-Facial Plastic Surgery (OOP)	127	17	66	31	12	1	
Ophthalmology (OPH)	243	30	98	55	28	32	
Oro-facial Plastic Surgery (OPL)	5		3	2			
Orthopedics (OR)	19	2	7	4	2	4	
Orthopedic Surgery (ORS)	477	50	257	107	47	15	1
Other Specialty (OS)	106	15	36	12	13	30	
Otolaryngology (OTL)	17	1	8	6	1	1	
Otorhinolaryngology (OTR)	74	6	30	24	7	7	

DISTRIBUTION OF DOs BY SPECIALTY & AGE—EXCLUDING INTERNS AND RESIDENTS

Specialty	Total	Under 35	35-44	45-54	55-64	65 & Over	Unknown
Psychiatry (P)	449	40	166	125	79	37	2
Pediatric Allergy and Immunology (PAI)	5	1	4				
Pediatrics (PD)	446	86	227	85	31	17	
Pediatric Cardiology (PDC)	2		2				
Pediatric Neurology (PDN)	5	1	1	3			
Pediatric Psychiatry (PDP)	30	1	16	9	4		
Public Health (PH)	5	2		2	1		
Pediatric Hematology/Oncology (PHO)	3		1	2			
Public Health and Preventive Med (PHP)	36	5	11	9	5	6	
Pediatric Intensive Care (PIC)	1		1				
Pediatric Infectious Diseases (PID)	2		1	1			
Plastic and Reconstructive Surgery (PLR)	24	1	16	7			
Pediatric Nephrology (PNP)	1	1					
Proctology (PR)	48	3	8	1	14	22	
Pathology (PTH)	137	5	46	47	26	13	
Pulmonary Conditions (PUL)	39	3	22	14			
Preventive Medicine (PVM)	10	2	4	2	1	1	
Peripheral Vascular Surgery (PVS)	18		12	5	1		
Psychosomatic Medicine (PYM)	2			1		1	
Radiology (R)	431	21	104	164	99	43	
Reproductive Endocrinology (RE)	7		4	3			
Rheumatology (RHU)	52	10	27	8	3	4	
Rehabilitation Medicine (RM)	176	41	73	27	19	15	1
Radiation Oncology (RO)	24	4	12	7	1		
Roentgenology (RT)	3				1	2	
Diagnostic Roentgenology (RTD)	17		4	7	3	3	
Surgery—General (S)	587	81	189	137	110	70	
Sclerotherapy (SCL)	12		2	1	1	8	
Sports Medicine (SM)	42	13	21	4	2	2	
Thoracic Cardiovascular Surgery (TCV)	28	1	14	9	2	2	
Radiation Therapy (TR)	6		5	1			
Thoracic Surgery (TS)	17		6	6	4	1	
Urology (U)	15	1	8	2	2	2	
Urological Surgery (URS)	126	12	69	27	17	1	
Unknown	3,431	670	844	203	151	1,491	72
Grand Totals	26,084	5,081	9,671	4,217	2,984	3,940	191

* Includes 2,096 retired DOs

** Includes 2,266 retired or otherwise inactive DOs

Source: AOA Physician Masterfile, Sep. 1, 1990.

GROWTH OF THE OSTEOPATHIC PROFESSION, 1935-90							
Year	Total listed DOs	Percent growth over previous year	No. listed AOA members	Percent AOA members	No. listed nonmembers	New† graduates	Percent new graduates
1935	8,724	—	4,050	46	4,674	459	5
1936	8,995	3	4,616	51	4,379	431	5
1937	9,075	1	5,112	56	3,963	403	4
1938	9,404	3	5,446	58	3,958	440	5
1939	9,635	2	5,123	53	4,512	451	5
1940	9,950	3	5,280	53	4,670	447	4
1941	10,022	1	5,537	55	4,485	499	5
1942	10,377	3	6,047	58	4,330	458	4
1943	10,643	2	6,203	58	4,440	292	3
1944	10,910	2	6,868	63	4,042	201	2
1945	11,067	1	7,277	66	3,790	103	1
1946	11,180	—	7,557	68	3,623	213	2
1947	11,239	1	7,870	70	3,369	177	2
1948	11,270	—	7,979	71	3,291	143	1
1949	11,233	—	7,660	68	3,573	202	2
1950	11,250	—	7,753	69	3,497	373	3
1951	11,400	1	8,003	70	3,397	427	4
1952	11,583	2	8,241	71	3,342	427	4
1953	11,827	2	8,320	70	3,507	462	4
1954	12,118	2	8,563	71	3,555	449	4
1955	12,371	2	8,909	72	3,462	459	4
1956	12,634	2	9,226	73	3,408	467	4
1957	12,945	2	9,544	74	3,401	442	3
1958	13,189	2	9,856	75	3,333	439	3
1959	13,407	2	10,088	75	3,319	467	3
1960	13,708	2	10,484	76	3,224	427	3
1961	13,923	2	10,769	77	3,154	506	4
1962	14,254	2	9,357	66	4,897	363	3
1963	12,288*	—	9,164	75	3,124	367	3
1964	12,288	—	9,153	74	3,135	355	3
1965	12,441	1	9,363	75	3,078	394	3
1966	12,638	2	9,611	76	3,027	360	3
1967	12,799	1	9,794	77	3,005	405	3
1968	13,023	2	10,053	77	2,970	427	3
1969	13,252	2	10,357	78	2,895	427	3
1970	13,454	2	10,581	79	2,873	432	3
1971	13,618	1	10,630	78	2,988	473	3
1972	13,800	1	10,834	79	2,966	483	3
1973	14,089	2	11,074	79	3,015	649	5
1974	14,551	3	11,453	79	3,098	591	4
1975	14,929	3	11,730	79	3,199	698	5
1976	15,572	4	12,047	77	3,525	814	5
1977	16,175	4	12,828	79	3,347	892	6
1978	17,036	5	13,624	80	3,412	965	6
1979	17,975	5	14,424	80	3,551	1,003	6
1980	18,820	4	14,419	77	4,401	1,032	5
1981	19,686	4	15,396	78	4,290	1,128	6
1982	20,559	4	16,053	78	4,506	1,040	5
1983	21,618	5	16,080	74	5,538	1,317	6
1984	22,746	5	17,236	75	5,510	1,300	6
1985	24,014	5	18,064	75	5,950	1,474	6
1986	25,479	6	18,611	73	6,868	1,667	7
1987	26,794	5	19,332	72	7,462	1,579	6
1988	28,269	5	20,165	71	8,104	1,601	6
1989	29,654	5	21,735	73	7,919	1,689	6
1990	30,924	4	21,938	71	8,986	1,527	5

*Between 1963 and 1970, 2,395 DOs accepted unearned MD degrees from the California College of Medicine and were removed from AOA's statistical reckoning.

†In 1935, there were 8 osteopathic colleges producing graduates; by 1963 there were only 5. In the period between 1973 and 1985, the number of colleges graduating students increased from 6 to 15.

Source: AOA Physician Masterfile, 1 Sep 1990.

DISTRIBUTION OF DOs LISTED BY MAJOR PROFESSIONAL ACTIVITY

State	Total	Internship	Residency	Other Postdoctoral Training ¹	Office	Hospital	Research	Education
Alabama	91	0	0	21	45	3	0	0
Alaska	31	0	0	1	24	3	0	0
Arizona	801	18	9	25	514	43	1	2
Arkansas	76	0	0	7	40	3	0	1
California	1,162	41	17	106	625	42	1	10
Colorado	467	9	18	16	309	15	0	4
Connecticut	87	0	0	17	29	7	1	0
Delaware	132	2	8	11	81	5	0	0
District of Columbia	28	0	0	6	7	1	0	1
Florida	1,954	75	47	49	1,136	73	1	16
Georgia	284	6	3	17	182	13	0	0
Hawaii	51	0	0	3	36	2	0	1
Idaho	56	0	0	2	29	3	0	0
Illinois	1,106	63	118	132	426	41	3	26
Indiana	350	12	9	16	242	10	0	1
Iowa	739	19	21	53	402	19	0	29
Kansas	394	8	3	29	225	13	0	1
Kentucky	105	0	1	12	62	3	0	0
Louisiana	54	0	0	15	15	1	0	1
Maine	368	15	12	15	211	24	0	4
Maryland	135	0	0	37	41	9	1	2
Massachusetts	208	5	1	27	92	14	0	2
Michigan	4,082	259	463	133	2,275	170	5	41
Minnesota	128	1	0	18	64	6	0	0
Mississippi	67	0	0	7	46	0	0	1
Missouri	1,563	48	76	46	935	80	2	21
Montana	42	0	0	0	28	3	0	0
Nebraska	36	1	0	8	11	1	1	0
Nevada	124	0	1	12	80	1	0	1
New Hampshire	40	0	0	1	21	2	0	0
New Jersey	1,770	98	119	137	943	65	0	10
New Mexico	154	0	0	4	108	4	0	2
New York	1,333	136	35	167	465	44	0	12
North Carolina	86	0	0	5	32	4	0	1
North Dakota	20	0	0	1	13	0	0	0
Ohio	2,603	139	217	190	1,436	96	2	15
Oklahoma	935	46	58	25	578	41	0	8
Oregon	306	6	6	19	188	15	0	1
Pennsylvania	3,825	185	231	235	2,108	203	3	39
Rhode Island	141	5	3	8	88	6	0	0
South Carolina	72	0	0	7	28	6	0	1
South Dakota	39	0	0	2	22	2	0	0
Tennessee	145	0	0	9	97	10	0	3
Texas	1,846	46	57	84	1,161	54	3	38
Utah	34	0	0	5	24	2	0	0
Vermont	40	0	0	1	21	5	0	0
Virginia	180	1	1	28	90	3	2	0
Washington	365	0	1	11	269	11	0	6
West Virginia	303	24	4	15	157	32	0	5
Wisconsin	303	2	1	24	202	16	0	0
Wyoming	19	0	0	2	14	0	0	0
Total for USA	29,280	1,270	1,540	1,821	16,277	1,229	26	306
Military Service	1,375	0	0	200	39	787	9	8
US Public Health Service	155	0	0	0	44	83	0	1
US Territories	7	0	0	1	2	1	0	0
Canada	39	0	0	0	20	0	0	0
Foreign	68	0	0	8	24	4	0	0
Total for Others	1,644	0	0	209	129	875	9	9
Grand Totals	30,924	1,270	1,540	2,030	16,406	2,104	35	315

Source: AOA Physician Masterfile, Sep. 1, 1990.

¹Unapproved postdoctoral training.

Administration	Other	Retired	Inactive	Unknown
1	1	2	0	18
0	0	0	0	3
2	1	120	6	60
0	0	11	1	13
4	2	71	12	231
2	1	40	2	51
0	0	7	2	24
0	1	7	0	17
1	0	1	0	11
13	5	310	22	207
2	2	25	2	32
0	0	4	0	5
2	0	11	0	9
7	3	28	5	254
0	1	16	3	40
1	0	64	6	125
1	2	47	4	61
0	0	8	0	19
0	0	2	2	18
5	0	40	3	39
1	1	9	1	33
0	0	25	2	40
30	6	218	24	458
2	0	13	1	23
0	0	3	1	9
7	6	165	8	169
0	0	5	0	6
0	0	6	1	7
0	0	10	1	18
0	0	11	1	4
11	4	55	6	322
0	0	21	2	13
9	3	49	7	406
0	1	20	0	23
0	0	2	0	4
10	4	113	8	373
4	1	62	3	109
1	0	43	2	25
17	4	161	17	622
0	1	11	0	19
2	1	10	1	16
0	0	6	0	7
0	0	10	0	16
9	5	123	6	260
0	0	2	0	1
0	0	9	0	4
2	0	15	2	36
0	0	37	1	29
4	0	17	0	45
1	2	27	1	27
0	0	2	0	1
151	58	2,074	166	4,362
54	31	0	0	247
7	0	0	0	20
0	0	1	0	2
0	0	13	2	4
0	0	13	2	17
61	31	27	4	290
212	89	2,101	170	4,652

NUMBERS OF CURRENT (ACTIVE) OSTEOPATHIC CERTIFICATIONS	
Area of certification	Number
Anesthesiology	253
Dermatology	72
Emergency medicine	249
Fellows of AAO	66
General practice	3,909
Internal medicine	943
Allergy and immunology	8
Cardiology	157
Endocrinology	18
Gastroenterology	68
Hematology	11
Hematology and oncology	11
Infectious diseases	12
Medical diseases of the chest	86
Nephrology	38
Oncology	33
Rheumatology	29
Neurology and psychiatry	2
Neurology	59
Psychiatry	117
Pediatric psychiatry	4
Child neurology	2
Child psychiatry	5
Nuclear medicine	76
Obstetrics and gynecology	80
Gynecologic oncology	1
Maternal-fetal medicine	2
Obstetrical-gynecological surgery	123
Reproductive endocrinology	5
Ophthalmology	130
Otolaryngology	6
Otorhinolaryngology	47
Oro-facial plastic surgery	9
Otorhinolaryngology and oro-facial plastic surgery	91
Orthopedic surgery	265
Pathology	
Anatomic pathology	27
Cytopathology	1
Forensic pathology	1
Laboratory medicine	11
Anatomic pathology and laboratory medicine	68
Pediatrics	201
Neonatology	13
Proctology	32
Preventive medicine/public health	24
Preventive medicine and aerospace medicine	26
Preventive medicine and occupational medicine	20
Preventive medicine/occupational-environmental	30
Radiology	270
Diagnostic radiology	141
Diagnostic roentgenology	23
Radiation oncology	2
Radiation therapy	3
Roentgenology	16
Rehabilitation medicine	85
Surgery	
General surgery	356
General vascular surgery	19
Neurological surgery	21
Plastic and reconstructive surgery	5
Thoracic surgery	14
Thoracic cardiovascular surgery	23
Urological surgery	80
Total	8,494

Some physicians may hold more than one certification. Thus, the figures do not reflect the total number of individuals holding certification except in a given category.

Further, the figures do not accurately reflect type of practice. Besides the number certified in general practice, for example, a majority of non-certified DOs are also engaged in this field. Besides those listed for a given specialty, there are DOs whose nonosteopathic or informal training has prepared them for specialty practice. The total number of certified DOs is 7,975.

Source: AOA Physician Masterfile, Sep. 1, 1990.

OSTEOPATHIC HOSPITALS BY STATE

State	Number of osteopathic hospitals	Number of AOA-accredited hospitals	Number of hospitals with AOA-approved postdoctoral training programs	Total number of beds *	Total number of medical/ surgical beds	Total number of special care beds	Total number of bassinets	Number of hospitals with 0-24 beds *†	Number of hospitals with 25-99 beds *	Number of hospitals with 100-199 beds *	Number of hospitals with 200-299 beds *	Number of hospitals with 300 or more beds *
Arizona	5	4	3	592	556	16	20	0	2	2	1	0
California	8	4	6	896	754	142	57	1	3	4	0	0
Colorado	1	1	0	78	78	0	8	0	1	0	0	0
Delaware	1	1	1	97	97	0	0	0	1	0	0	0
Florida	12	11	11	2,101	2,035	66	27	0	0	8	3	1
Georgia	1	1	1	120	120	0	7	0	0	1	0	0
Illinois	2	2	2	509	509	0	32	0	0	0	2	0
Indiana	3	3	2	261	256	5	19	0	1	2	0	0
Iowa	3	2	2	437	437	0	23	0	1	1	1	0
Kansas	2	1	1	162	162	0	11	0	1	1	0	0
Maine	2	2	2	228	228	0	16	0	1	1	0	0
Michigan	27	25	17	4,845	4,544	301	346	0	9	6	7	5
Missouri	19	17	9	2,188	1,845	343	166	0	7	11	1	0
New Jersey	5	5	5	920	872	48	42	0	0	2	3	0
New Mexico	1	1	0	120	120	0	12	0	0	1	0	0
New York	5	5	5	1,692	1,692	0	28	0	0	1	1	3
Ohio	18	17	11	3,258	2,993	265	242	0	5	6	5	2
Oklahoma	3	3	3	823	781	42	45	0	0	2	0	1
Oregon	1	1	1	100	100	0	10	0	0	1	0	0
Pennsylvania	18	18	14	2,781	2,781	87	164	0	2	11	5	0
Rhode Island	1	1	1	80	80	0	0	0	1	0	0	0
South Dakota	1	0	0	114	30	84	4	0	1	0	0	0
Tennessee	2	1	0	71	27	44	5	0	2	0	0	0
Texas	21	12	9	2,268	2,159	109	91	1	10	8	1	1
Washington	3	3	0	148	148	0	12	0	3	0	0	0
West Virginia	2	1	0	63	63	0	0	1	1	0	0	0
Wisconsin	2	2	2	287	287	0	0	0	0	2	0	0
Totals	169	143	108	25,239	23,687	1,552	1,387	3	52	71	30	13

* Does not include bassinets.

† AOA accreditation requires a minimum of 25 adult and pediatric beds.

Source: AOA YEARBOOK survey of osteopathic hospitals, July 1990.